

Listing of Claims

This listing of claims will replace all prior versions of claims and listings of claims in the application:

Claims 1-18 (canceled)

19. (previously presented) An implantable synthetic stomach for implanting inside the stomach of a patient comprising:

a bellow-like storage forming an antrum for storing food therein, said storage has an up-stream and a down-stream opening, a first tube connected to the storage at its up-stream opening, said first tube being insertable in a sealed manner into the esophagus of the patient and a second tube connected to the storage at its down-stream opening, said second tube being connectable in a sealed manner to a small intestine loop within the patient, wherein said storage is bulging relative to the first and second tube.

20. (currently amended) An implantable synthetic stomach according to claim [[1]] 19, wherein said storage is designed as a rigid receptacle.

21. (currently amended) An implantable synthetic stomach according to claim [[1]] 19, further comprising fixing means provided at free ends of said first and second tube, respectively for fixing the tubes to the respective parts of organs of the patient.

22. (currently amended) An implantable synthetic stomach according to claim [[1]] 19, wherein said storage comprises an additional aperture forming an outlet into the stomach of the patient.

23. (currently amended) An implantable synthetic stomach according to claim [[4]] 22, wherein said aperture includes means for changing its size.

24. (previously presented) A method for treating obesity, comprising:

implanting a synthetic stomach inside the stomach of a patient the a synthtic stomach comprising a bellow-like storage forming an antrum for storing food therein, said storage has an up-stream and a down-stream opening, a first tube connected to the storage at its up-stream opening, and a second tube connected to the storage at its down-stream opening, wherein said storage is bulging relative to the first and second tube, by the steps of inserting said first tube in a sealed manner into the esophagus of the patient and connecting said second tube in a sealed manner to a small intestine loop within the patient, whereby food is fed into the storage from which it is forwarded directly into the small intestine loop.

25. (previously presented) A method for treating obesity according to claim 24, comprising a step of fixing said first and second tube to respective parts of organs of the patent by using fixing means.

26. (previously presented) A method for treating obesity according to claim 24, comprising a step of adjusting the size of an additional aperture of the storage leading into the stomach of the patient such that about 10% of the food entering the storage comes into contact with the stomach and the duodenum.

27. (previously presented) The method according to claim 24, further comprising a step of adjusting the volume of said bellow-like storage.

28. (new) An implantable synthetic stomach according to claim 19, further comprising means for adjusting the size of an additional aperture of the storage leading into the stomach of the patient such that about 10% of the food entering the storage comes into contact with the stomach and the duodenum.

29. (new) An implantable synthetic stomach according to claim 19, further comprising means for adjusting the volume of said bellow-like storage.

30. (new) An implantable synthetic stomach for implanting inside the stomach of a patient comprising:

a storage forming an antrum for storing food therein, said storage has an up-stream and a down-stream opening, a first tube connected to the storage at its up-stream opening, said first tube being insertable in a sealed manner into the esophagus of the patient and a second tube connected to the storage at its down-stream opening, said second tube being connectable in a sealed manner to a small intestine loop within the patient, wherein said storage is bulging relative to the first and second tube.

31. (new) An implantable synthetic stomach according to claim 30, wherein said storage is designed as a rigid receptacle.

32. (new) An implantable synthetic stomach according to claim 30, further comprising fixing means provided at free ends of said first and second tube, respectively for fixing the tubes to the respective parts of organs of the patient.

33. (new) An implantable synthetic stomach according to claim 30, wherein said storage comprises an additional aperture forming an outlet into the stomach of the patient.

34. (new) An implantable synthetic stomach according to claim 33, wherein said aperture includes means for changing its size.

35. (new) An implantable synthetic stomach according to claim 30, further comprising means for adjusting the size of an additional aperture of the storage leading into the stomach of the patient such that about 10% of the food entering the storage comes into contact with the stomach and the duodenum.

36. (new) An implantable synthetic stomach according to claim 30, further comprising means for adjusting the volume of said storage.